

SEQUENCE LISTING

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GIESENDORF, Bernhard

<120> VARICELLA ZOSTER VIRUS (VZV) IMMUNOREACTIVE PROTEIN
VP26 AND ITS DIAGNOSTIC USE

<130> 058315/0127

<140> US 09/219,337

<141> 1998-12-23

<150> DE 197 57 765.2

<151> 1997-12-23

<160> 6

<170> PatentIn Ver. 2.0

<210> 1

<211> 705

<212> DNA

<213> Varicella Zoster Virus

<220>

<221> CDS

<222> (1)..(705)

<400> 1

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Met	Thr	Gln	Pro	Ala	Ser	Ser	Arg	Val	Val	Phe	Asp	Pro	Ser	Asn	Pro	
1				5					10					15		

acc	aca	ttt	tcg	gtg	gaa	gca	att	gcg	gct	tac	acc	ccc	gtt	gct	tta	96
Thr	Thr	Phe	Ser	Val	Glu	Ala	Ile	Ala	Ala	Tyr	Thr	Pro	Val	Ala	Leu	
			20					25					30			

ata	cga	ctt	tta	aac	gcc	agt	gga	cct	ttg	caa	cct	ggt	cac	cgt	gtg	144
Ile	Arg	Leu	Leu	Asn	Ala	Ser	Gly	Pro	Leu	Gln	Pro	Gly	His	Arg	Val	
		35					40					45				

gac	atc	gct	gat	gcc	aga	agc	att	tac	acc	gtg	gga	gcc	gcg	gcc	agt	192
Asp	Ile	Ala	Asp	Ala	Arg	Ser	Ile	Tyr	Thr	Val	Gly	Ala	Ala	Ala	Ser	
	50					55					60					

gcc	gcg	cgt	gca	cgc	gct	aac	cat	aat	gca	aat	acg	ata	cgc	cga	acg	240
Ala	Ala	Arg	Ala	Arg	Ala	Asn	His	Asn	Ala	Asn	Thr	Ile	Arg	Arg	Thr	
65				70					75						80	

gcc	atg	ttt	gcc	gag	act	gac	cct	atg	aca	tgg	tta	aga	cca	acg	gtt	288
Ala	Met	Phe	Ala	Glu	Thr	Asp	Pro	Met	Thr	Trp	Leu	Arg	Pro	Thr	Val	
			85					90						95		

ggc	tta	aaa	cgt	acg	ttt	aac	ccg	cgt	att	ata	cga	cca	caa	ccc	cca	336
Gly	Leu	Lys	Arg	Thr	Phe	Asn	Pro	Arg	Ile	Ile	Arg	Pro	Gln	Pro	Pro	
		100						105					110			

aat	cca	tcc	atg	agt	ttg	gga	atc	tcg	ggg	cct	act	ata	ttg	ccg	caa	384
Asn	Pro	Ser	Met	Ser	Leu	Gly	Ile	Ser	Gly	Pro	Thr	Ile	Leu	Pro	Gln	
		115					120					125				

aaa aca cag agc gcc gat cag tct gct tta caa cag ccc gcc gcg ttg	432
Lys Thr Gln Ser Ala Asp Gln Ser Ala Leu Gln Gln Pro Ala Ala Leu	
130 135 140	
gcg ttt tcg gga tca tcc ccg caa cac ccc cca cct caa acg acg tcg	480
Ala Phe Ser Ser Gly Ser Ser Pro Gln His Pro Pro Pro Gln Thr Thr Ser	
145 150 155 160	
gca tcc gtt gga caa cag caa cac gtg gtg tcg ggg tct tct gga caa	528
Ala Ser Val Gly Gln Gln Gln His Val Val Ser Gly Ser Ser Gly Gln	
165 170 175	
caa ccg caa cag gga gca cag tca agc act gtc cag cca aca acc gga	576
Gln Pro Gln Gln Gly Ala Gln Ser Ser Thr Val Gln Pro Thr Thr Gly	
180 185 190	
tca ccg ccc gcg gcc caa ggc gtg cca cag tct acc ccg ccc cca acc	624
Ser Pro Pro Ala Ala Gln Gly Val Pro Gln Ser Thr Pro Pro Thr	
195 200 205	
caa aat acc ccc cag ggg ggt aag gga cag acc ttg tca cac acg gga	672
Gln Asn Thr Pro Gln Gly Gly Lys Gly Gln Thr Leu Ser His Thr Gly	
210 215 220	
caa tct gga aac gct tca aga agt cgt agg gtg	705
Gln Ser Gly Asn Ala Ser Arg Ser Arg Arg Val	
225 230 235	

<210> 2

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<212> PRT

<213> Varicella Zoster Virus

<400> 2

Met Thr Gln Pro Ala Ser Ser Arg Val Val Phe Asp Pro Ser Asn Pro	
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Thr Thr Phe Ser Val Glu Ala Ile Ala Ala Tyr Thr Pro Val Ala Leu	
20 25 30	
Ile Arg Leu Leu Asn Ala Ser Gly Pro Leu Gln Pro Gly His Arg Val	
35 40 45	
Asp Ile Ala Asp Ala Arg Ser Ile Tyr Thr Val Gly Ala Ala Ala Ser	
50 55 60	
Ala Ala Arg Ala Arg Ala Asn His Asn Ala Asn Thr Ile Arg Arg Thr	
65 70 75 80	
Ala Met Phe Ala Glu Thr Asp Pro Met Thr Trp Leu Arg Pro Thr Val	
85 90 95	
Gly Leu Lys Arg Thr Phe Asn Pro Arg Ile Ile Arg Pro Gln Pro Pro	
100 105 110	
Asn Pro Ser Met Ser Leu Gly Ile Ser Gly Pro Thr Ile Leu Pro Gln	
115 120 125	
Lys Thr Gln Ser Ala Asp Gln Ser Ala Leu Gln Gln Pro Ala Ala Leu	
130 135 140	
Ala Phe Ser Gly Ser Ser Pro Gln His Pro Pro Pro Gln Thr Thr Ser	
145 150 155 160	

Ala Ser Val Gly Gln Gln Gln His Val Val Ser Gly Ser Ser Gly Gln
165 170 175

Gln Pro Gln Gln Gly Ala Gln Ser Ser Thr Val Gln Pro Thr Thr Gly
180 185 190

Ser Pro Pro Ala Ala Gln Gly Val Pro Gln Ser Thr Pro Pro Pro Thr
195 200 205

Gln Asn Thr Pro Gln Gly Gly Lys Gly Gln Thr Leu Ser His Thr Gly
210 215 220

Gln Ser Gly Asn Ala Ser Arg Ser Arg Arg Val
225 230 235

<210> 3
<211> 37
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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ggaattccgg atgacacaac ccgcatcgtc tcgtgta

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<210> 4
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

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<210> 6
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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cggatccgat cccagcaacc ccaccac

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